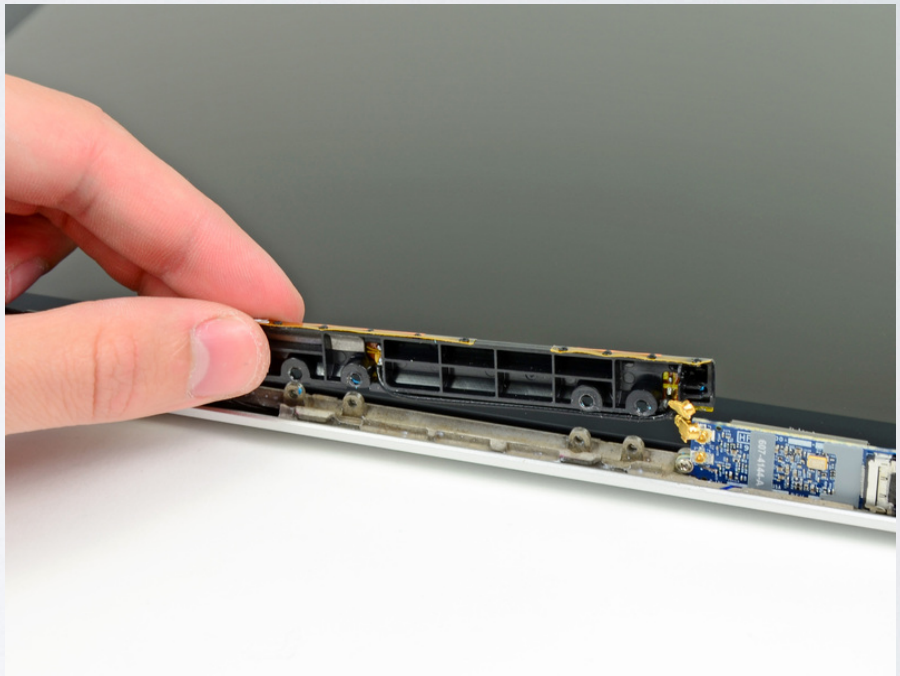
HAMWAN

KU7M

so,
what is
this?

Home Wifi

Home Router



WiFi Client Radio

HAMWAN DEF #1

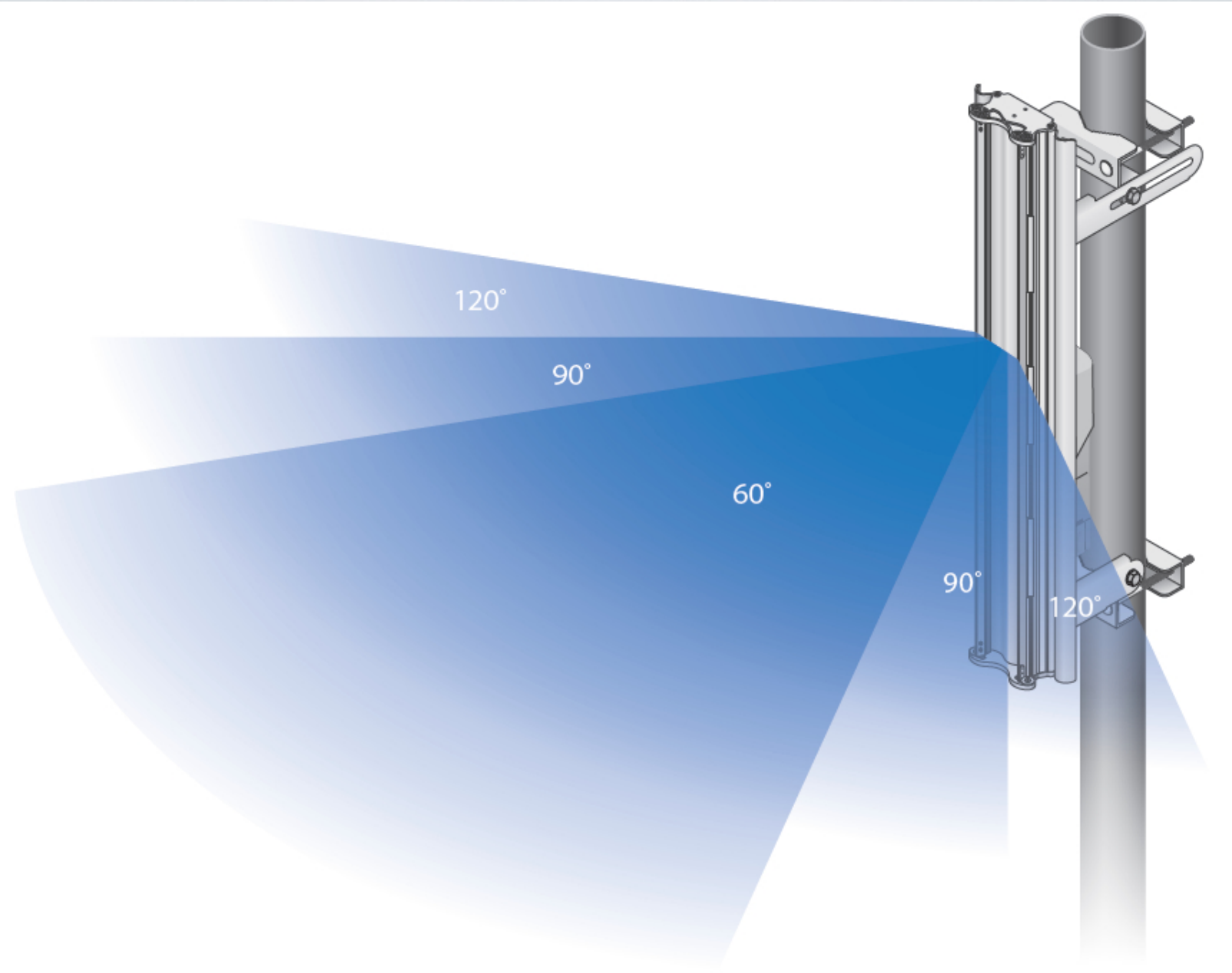
Home WiFi

- Shelf/Desk in House
  - Access Point
  - Antenna (omni)
- Laptop
  - WiFi Radio
  - Antenna (what will fit)
- Router

HamWAN

- Mountain Top / Building
  - Access Point(s)
  - Antenna (sector)
- QTH
  - Wifi Radio
  - Antenna (dish)
- Router

HamWAN Client and Sectors



Sector Antenna

STANDARDS
The nice thing about standards is that there are so many to choose from.
-Andrew S. Tannenbaum

HamWan DEF #2

HamWAN

GET CONNECTED BUILD YOUR OWN WHY DONATE BASIC : $20.00 USD - MONTHLY DONATE

index

A modern, multi-megabit, IP-based, digital network for amateur radio use!

HamWAN is a non-profit organization (501c3) developing best practices for high speed amateur radio data networks. HamWAN also runs the Puget Sound Data Ring, which is a real-world network implementation of the proposed designs.

So far, HamWAN networks have been used for things like low-latency repeater linking, real-time video feeds from distant locations, serving APRS I-gates, providing redundant internet access to emergency operations centers, and more. Any licensed radio amateur in the service area can connect their shack directly to the network with just a small investment in equipment and no recurring cost. Since many traditional uses for Internet at home are not compatible with Part 97 rules, this won't replace your home Internet connection. However, it works and acts just like one.

State of the Puget Sound Data Ring

HamWAN cells have been deployed to six sites. Each site is interconnected with 5.9 GHz modems and fully routed with OSPF. HamWAN provides routing to all existing AMPRNet systems. Examine the map below to determine if you're within the current HamWAN coverage area!

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- A modern, multi-megabit, IP-based, digital network for amateur radio use!
- State of the Puget Sound Data Ring
- Other Regions
- Get Connected
  - I'm in the coverage area
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- Radio Sites
- Mailing List
- Online Chat Room
- Volunteer
- Supporting Organizations

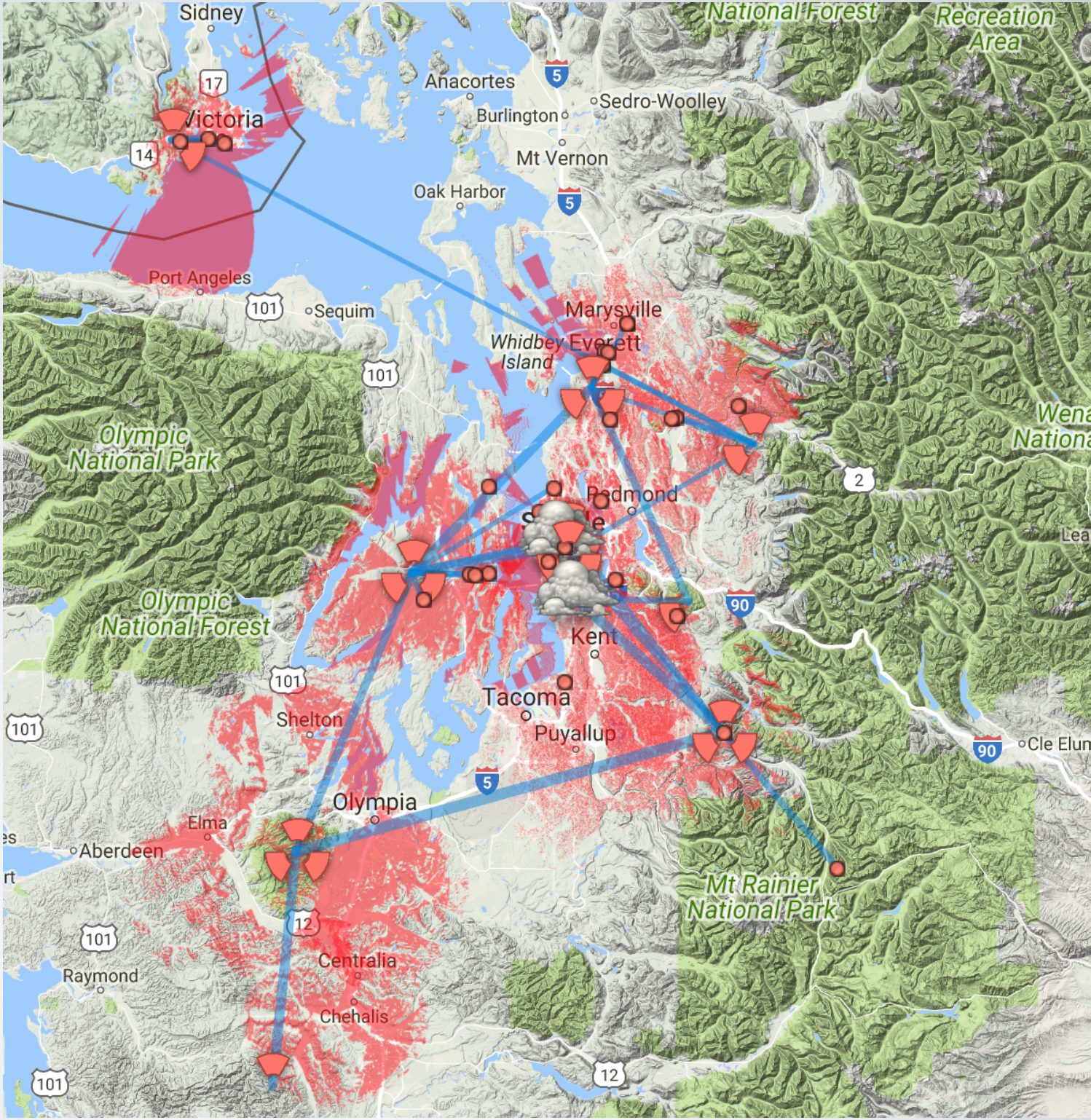
HamWan DEF #3

HAMWAN FACTS

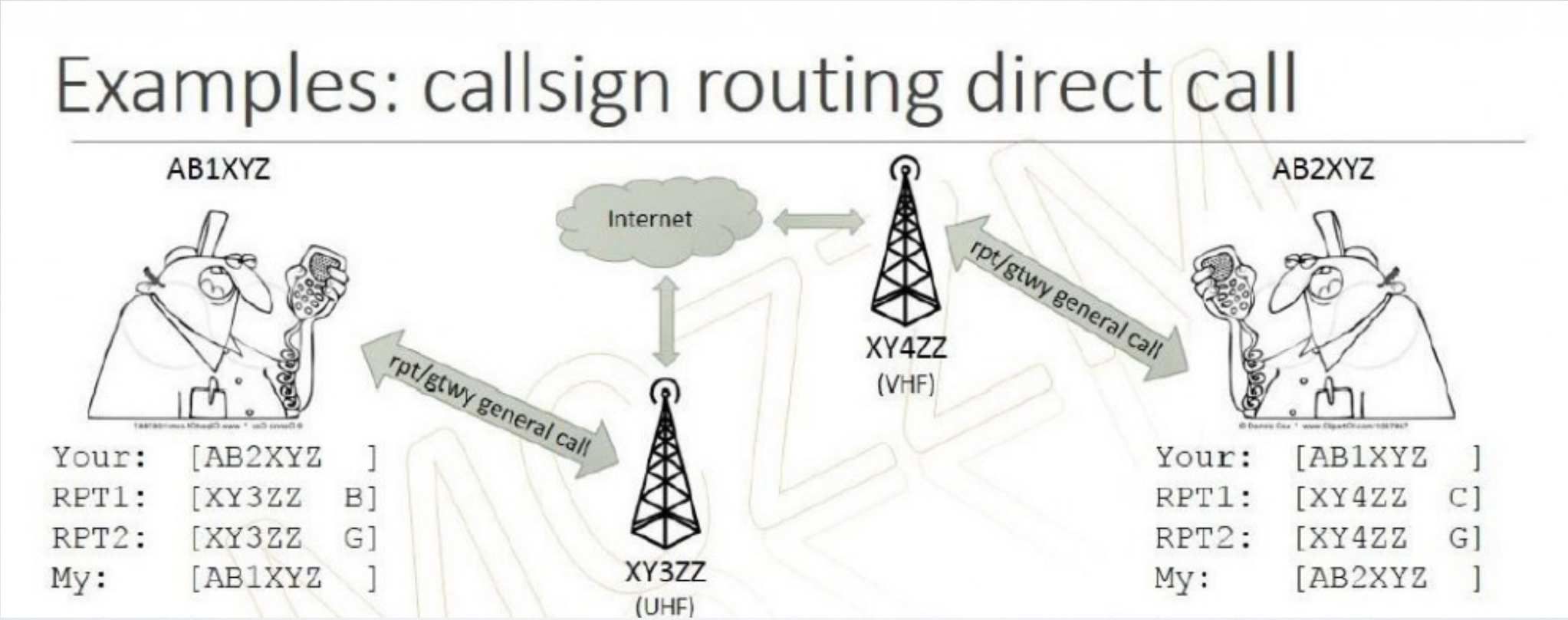
- Puget Sound HamWAN has nine sites today
  - Baldi, Beacon Hill, BawFaw, Capitol Park, Capitol Peak, E. Tiger, GoldMnt, Haystack and Paine (SnohDEM)
  - PoP's - Westin (Seattle), (backup Internet edge in Fremont, CA)
  - Plans for connection to Camp Murry & SeattleEOC
- Seattle not only HamWAN group
  - MemHamWAN, HamWAN-Tampa, NM-HamWAN & HamWAN-South (GA), BC Interior and Victoria BC

HamWAN (Puget Sound)

Coverage Map

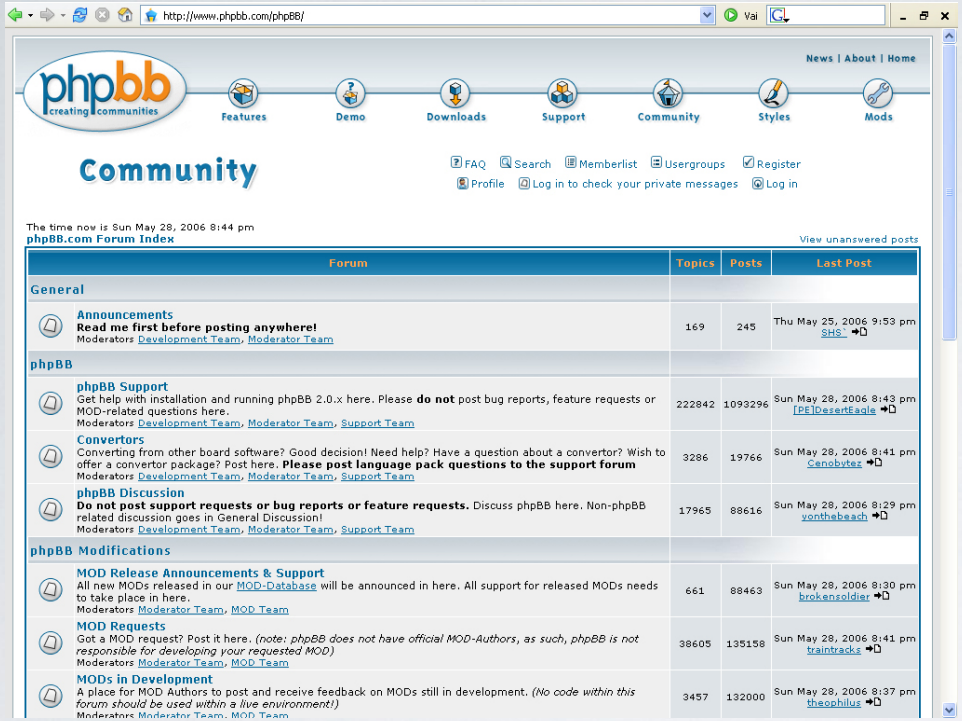


Why?



Repeater Linking

VoIP / Video Conference


http://www.phpbb.com/phpBB/
News | About | Home
phpbb creating communities
Features
Demo
Downloads
Support
Community
Styles
Mods
Community
FAQ
Search
Memberlist
Usergroups
Register
Profile
Log in to check your private messages
Log in
The time now is Sun May 28, 2006 8:44 pm
phpBB.com Forum Index
View unanswered posts
Forum
Topics
Posts
Last Post
General
Announcements
Read me first before posting anywhere!
Moderators Development Team, Moderator Team
169
245
Thu May 25, 2006 9:53 pm
SHS`
phpBB
phpBB Support
Get help with installation and running phpBB 2.0.x here. Please do not post bug reports, feature requests or MOD-related questions here.
Moderators Development Team, Moderator Team, Support Team
222842
1093296
Sun May 28, 2006 8:43 pm
[PE]DesertEagle
Convertors
Converting from other board software? Good decision! Need help? Have a question about a convertor? Wish to offer a convertor package? Post here. Please post language pack questions to the support forum
Moderators Development Team, Moderator Team, Support Team
3286
19766
Sun May 28, 2006 8:41 pm
Cenobytez
phpBB Discussion
Do not post support requests or bug reports or feature requests. Discuss phpBB here. Non-phpBB related discussion goes in General Discussion!
Moderators Development Team, Moderator Team, Support Team
17965
88616
Sun May 28, 2006 8:29 pm
vonthebeach
phpBB Modifications
MOD Release Announcements & Support
All new MODs released in our MOD-Database will be announced in here. All support for released MODs needs to take place in here.
Moderators Moderator Team, MOD Team
661
88463
Sun May 28, 2006 8:30 pm
brokensoldier
MOD Requests
Got a MOD request? Post it here. (note: phpBB does not have official MOD-Authors, as such, phpBB is not responsible for developing your requested MOD)
Moderators Moderator Team, MOD Team
38605
135158
Sun May 28, 2006 8:41 pm
traintracks
MODs in Development
A place for MOD Authors to post and receive feedback on MODs still in development. (No code within this forum should be used within a live environment!)
3457
132000
Sun May 28, 2006 8:37 pm
theophilus

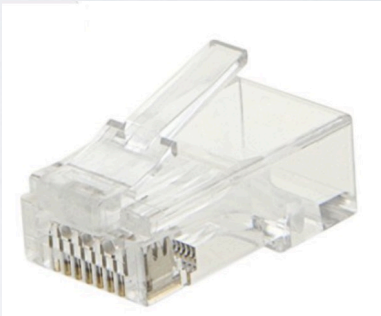
BBS in 2018

Whats Next?

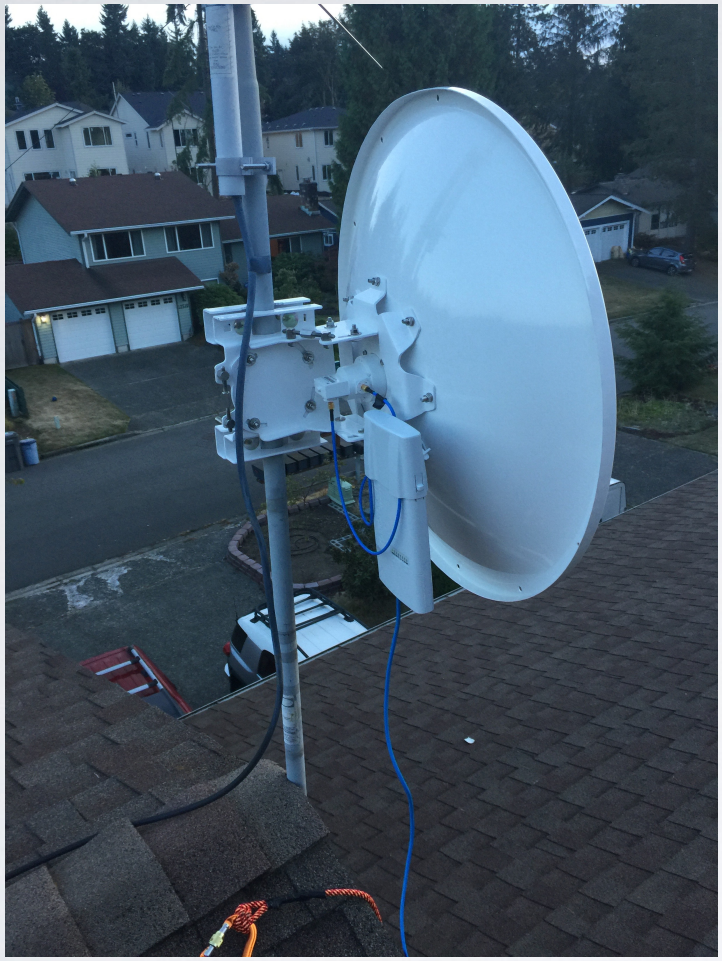
How to get connected?

REQUIREMENTS

- Dish / Radio
- CAT5 / RJ45's
- Line of Site
- ~$250



KU7M Setup



KU7M Link to Beacon

Portable HamWAN?

Questions?

LINKS

- **Software Links**
  - OS Video Conf: https://jitsi.org/
  - OS Message: https://phpbb.com/
  - OS Chat: https://rocket.chat/
- **HamWAN Seattle**
  - http://www.hamwan.org
  - Mailist: psdr-join@HamWAN.org
  - IRC: channel #HamWAN on irc.freenode.org
  - Client Info: https://goo.gl/i72bYa
- **ku7m@ku7m.net**